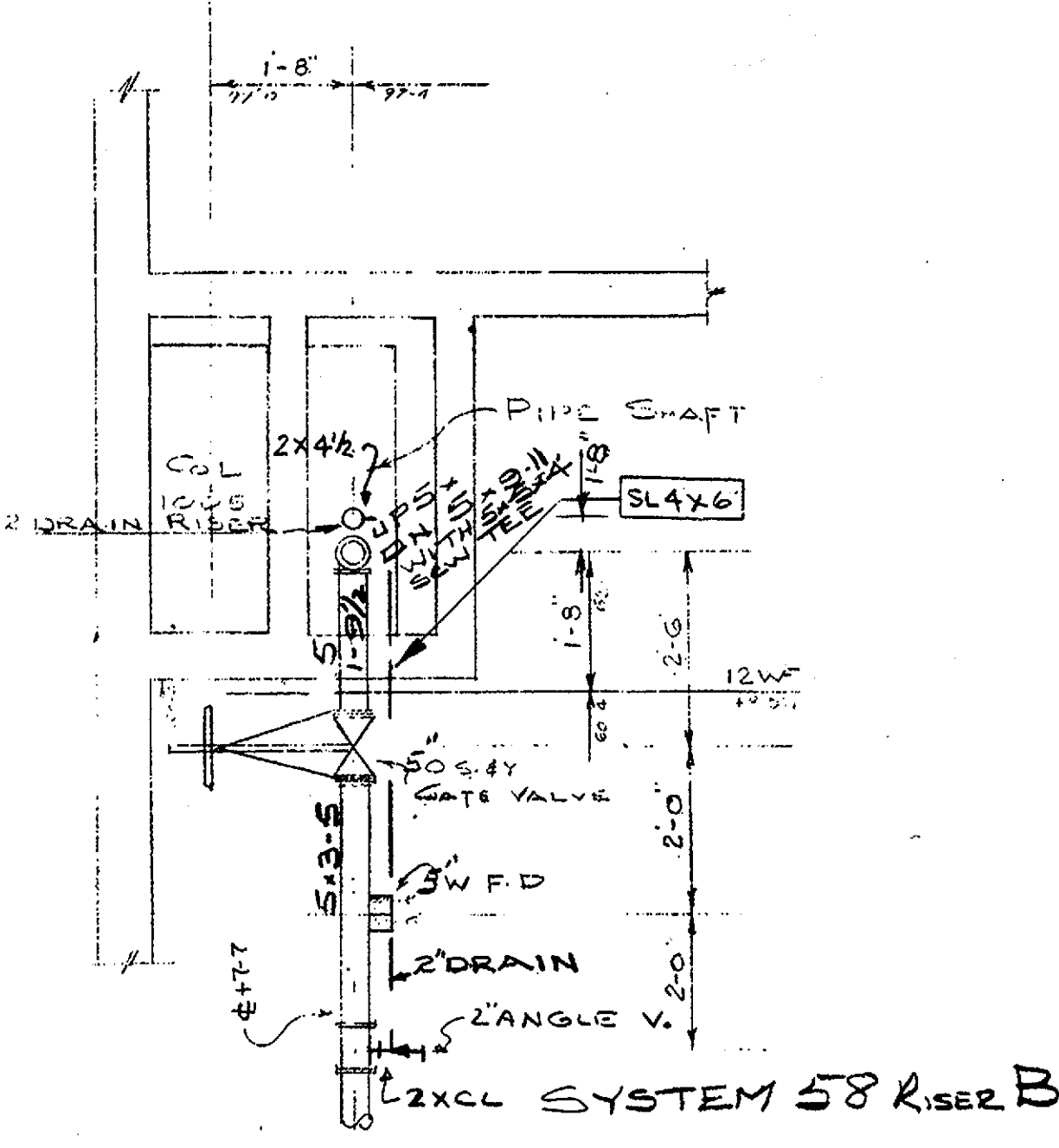


O.K. FOR
INSTALLATION






VALVE DETAIL
PLAN *NTE*

RECORD OF TRADE COORDINATION			
TRADE	COMPANY	BY	DATE
HVAC	SAND-COURTER	M.S.	12-1-78
SHEET METAL	ALPINE-BROOK-TRIANGLE	H.B.	12-9-72
PLUMBING	JARCHO BROS., INC.	B.S.	1-6-72
ELECTRICAL	NAGER ELECTRIC CO., INC.	B.S.	10-7-76

REFERENCE DRAWINGS				
INFORMATION	BY	DWG. NO.	DATE	LATEST REV.
				NO. DATE
ARCH		T.A.A. 284	4-1-71	11 4-22-72
		T.A.A. 284-A	4-1-71	2 4-23-71
STRUCT		SA-7	2-13-66	5 7-17-68
CONS.				

LEGEND OF SYMBOLS		
ABBREVIATIONS	INFORMATION ALONG PIPE LINES	
MAIN DESIGNATION BRAND DESIGNATION WATER MOTOR GONG AUTO BALL, DRIP FLUSHING COIN. FIRE DEPT. COIN. INSP. TEST COIN.	HANGER 	PIPE

SPRINKLER HEAD TABULATION										
STANDARD HANGERS		M.F.R.'s.		SIZE	TYPE	FINISH	SYMBOL	TEMPERATURE RATING		
		MODEL NO.	SIZE					160°	212°	280°
<input checked="" type="checkbox"/> C-LAMP		GLOBE	1/2	UPRIGHT	BRASS					73
<input checked="" type="checkbox"/> OFFSET C-LAMP		GLOBE	1/4	PENDANT	BRASS					10
<input checked="" type="checkbox"/> 2 NUTS, WASHER										
<input checked="" type="checkbox"/> EXPANSION SHIELD										
INSERT NUT		VIKING	1/2	FLUSH PENDANT	CHROME					

REVISONS			
NO	DATE	BY	DESCRIPTION
5	FEB 1972	LM	STRAP REMOVED FROM SHOWER AND
6	MAR 572	LM	PAINTED; REPAINT DONE ON
	6-6-72	SW	REV. HALL - STAINLESS ST. OF HALL
			ADD. CUT. WOODS & HANDLES
			FRAMING HUNG; DISINTEGRATION
			ADD. VALVES TO FLOW PIPE LINES
6	6-10-69	F.B	ADD. VALVES TO FLOW PIPE LINES
			SERVICES ADDED. SPK TOTAL REV.

KEY PLAN

The key plan shows a large irregular polygon representing the site boundary. Inside this boundary, at the bottom center, is a smaller rectangle labeled "SRS Tower". To the right of the site boundary is a compass rose with a central arrow pointing upwards, labeled "NORTH". The cardinal directions are labeled: "N" for North, "S" for South, "E" for East, and "W" for West.



JOB

THE WORLD TRADE CENTER














THE PORT OF NEW YORK AUTHORITY

TITLE

CRINKLED CYSTOL TOWER A

RECORD OF FINAL PLAN APPROVAL			
AUTHORITY	NAME	BY	DATE
P.O.N.Y.A.			
J. B. & B.			
N.Y.F.I.R.O.			5-13-69
EMPLOYER'S GROUP LIFE INSURANCE CO. S.			

MECH LAB	NU-SL-1	8-14-66		
	NU-SL-1	8-14-66		
	NU-SL-1	8-15-66		
	SE-SL-1	8-17-66		
	C	9-5-66		
ELEC.	EA-G	10-16-67	3	1-31-69
PLUMB	PA-T	10-16-67	3	1-16-69
SPR	S.P.J-14	5-15-68	1	7-10-68

	Location	Cut Length	Pitch On (or up)
CENTER TO THREAD THROUGH BY GROOVE PLAIN END RISE NIPPLE DROP NIPPLE OPEN WREN STEEL JOINT WOOD JOIST BEAM DESIGNATION S CONCRETE BEAM COLUMN DITTO HING CLAMP SPRINGER GUARD ABOVE FINISHED FLOOR	            	ALARM CHECK VALVE (A.V.) DRY VALVE (D.V.) D.V. WITH EXHAUSTER WATER FLOW DETECTOR (W.F.D.)	O.S. & Y. GATE VALVE CHECK VALVE POST INDICATOR VALVE (P.I.V.) WALL P.I.V.

<input checked="" type="checkbox"/>	TOGGLE	GLOBE	7/8"	BIDENALUS	KROSS					16
<input checked="" type="checkbox"/>	LUG ROD									
<input checked="" type="checkbox"/>	BEAM CLAMP									
<input checked="" type="checkbox"/>	J-ROD									
<input checked="" type="checkbox"/>	HORIZ. LUG BOLT									
<input checked="" type="checkbox"/>	HORIZ. EXP. SHIELD									
<input checked="" type="checkbox"/>	TRAPPEZ BAR									
<input checked="" type="checkbox"/>	YOKO BAND									

TOTAL SPRINKLERS ON THIS SHEET 199

TOTAL SPRINKLERS ON ENTIRE JOB _____

3	MAR 27/71	LM	NOTES ADDED & SPRKS RE
3	APR 27/71	LM	REVISED TO SUIT TERRAFORM
4	JUN 17/71	LM	REVISED TO SUIT TERRAFORM COORDINATED WITH NEW DUCTWORK PIPING PURVISHAN AS INSTALLED
ARCHITECT: MINORU YAMASAKI & ASSOCIATES EMORY ROTH & SONS			
MECHANICAL ENGINEER: JAROS, BAUM & BOLLES			
CUSTOMER: PORT OF NEW YORK AUTHORITY			

COURTNER-SAND-MARGOLIN
A JOINT VENTURE
30 CHURCH ST., NEW YORK, N. Y.

SPRINKLER SYSTEM		TOWER A	
		SOUTH	
SUB-LEVEL 1		ELEV 284-0	
DRAWN BY HRS	CHECKED BY HRS	APPROVED BY	DWG. NO. SP-6
DATE APRIL 28-63	JOB NO. W-1-C 510-00	SCALE 1/2" = 1'-0"	OF 150